

#4

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PTO/SB/08B (08-00)

Substitute for Form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/955,444
(use as many sheets as necessary)				Filing Date	September 17, 2001
OIFP DEC 11 2001 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE				First Named Inventor	James M. Wilson et al
				Group Art Unit	1645 1635
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	UPN-N2605

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
Examiners Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
DW	AR	R. KOTIN et al, "Site-Specific integration by Adeno-Associated Virus", Proc. Natl. Acad. Sci. USA, 87:2211-2215 (March, 1990)			
	AS	K. FISHER et al, "Recombinant Adeno-Associated Virus for Muscle Directed Gene Therapy", Nature Medicine, 3(3):306-312 (March, 1997)			
	AT	X. XIAO et al, "Efficient Long-Term Gene Transfer into Muscle Tissue of Immunocompetent Mice by Adeno-Associated Virus Vector", Journal of Virology, 70(11):8098-8108 (November, 1996)			
	AU	R. SNYDER et al, "Persistent and Therapeutic Concentrations of Human Factor IX in Mice After Hepatic Gene Transfer of Recombinant AAV Vectors", Nature Genetics, 16:270-276 (July, 1997)			
	AV	N. MUZYCZKA, "Use of Adeno-Associated Virus as a General Transduction Vector for Mamalian Cells", Current Topics in Microbiology and Immunology, 158:97-129 (1992)			
	AW	R. SAMULSKI et al, "Targeted Integration of Adeno-Associated Virus (AAV) into Human Chromosome 19", EMBO Journal, 10(12):3941-3950 (December, 1991)			
	AX	K. BERNS, "Parvoviridae: the Viruses and their Replication, in B. N. Fields et al, Fundamental Virology, 3 rd ed., Chapter 31, pp. 1017-1041 (Lippincott-Raven Publishers, Philadelphia, PA) (1996)			
PR	AY	R. SNYDER et al, "Features of the Adeno-Associated Virus Origin Involved in Substrate Recognition by the Viral Rep Protein", Journal of Virology, 67(10):6096-6104 (October, 1993)			

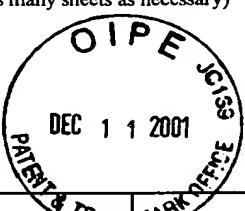
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PR	AZ	K. BURNS, "Parvovirus Replication", Microbiological Reviews, 54(3):316-329 (September, 1990)		
	AAR	C. BALAGUÉ et al, "Adeno-Associated Virus Rep78 Protein and Terminal Repeats Enhance Integration of DNA Sequences into the Cellular Genome", Journal of Virology, 71(4):3299-3306 (April, 1997)		
	AAS	R. SUROSKY et al, "Adeno-Associated Virus Rep Proteins Target DNA Sequences to a Unique Locus in the Human Genome", Journal of Virology, 71(10):7951-7959 (October, 1997)		
	AAT	X. XIAO et al, "Gene Transfer by Adeno-Associated Virus Vectors into the Central Nervous System", Experimental Neurology, 144:113-124 (1997)		
BR	AAU	J. CHIORINI et al, "Cloning and Characterization of Adeno-Associated Virus Type 5", J. Virol., 73(2):1309-1319 (February, 1999)		

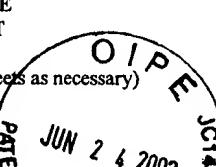
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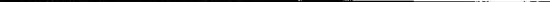
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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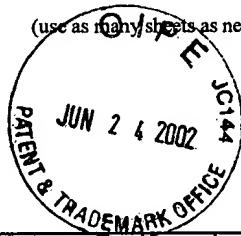
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JUN 28 2002

PTO/SB/08A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
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U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
BW	AL	WO	WO96/00587	A1	R. Samulski	01/11/1996		
	AM	WO	WO99/61601	A2	J. Chiorini	12/02/1999		
BW	AN	WO	WO01/70276	A2	J. Chiorini	09/27/2001		

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#14/I.D.5

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				Filing Date	September 17, 2001
				First Named Inventor	James M. Wilson et al
				Group Art Unit	1635
				Examiner Name	Brian A. Whiteman
Sheet	1	Ref.	1	Attorney Docket Number	UPN-N2605

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FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)				
BR	AO WIPO	PCT WIPO	WO 01/83692	A2	11-08-2001	The Trustees of the University of Pennsylvania, et al	
BR	AP WIPO	PCT WIPO	WO 00/28061	A3	05-18-2000	The Trustees of the University of Pennsylvania, et al	

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BR	AAW	AURICCHIO, A., et al, "Noninvasive gene transfer to the lung for systemic delivery of therapeutic proteins", J. Clin. Invest., 110(4):499-504 (August 2002).	

Examiner Signature *Brian A. Whiteman* Date Considered 6/3/03

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U.S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column Lines, Where Relevant Passages or Relevant Figures Appear <i>500</i>
Number-Kind Code ² (if known)					
DW	AA	US-2002-0132787-A1	09-19-2002	Eljamal et al	
PL	AB	US-2002-0036454-A1	11-01-2001	Li et al	

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				Attorney Docket Number	UPN-N2605
Sheet	2	of	2		

OTHER PRIOR ART-NONPATENT LITERATURE DOCUMENTS

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Doris A. Hartman

Date Considered

6/3/02

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